

### ABSTRACT OF THE DISCLOSURE

[63] The lighting installation comprises an electrical power supply line (3) and at least one lighting device (21A; 21B; 21C) with controllable light emission, connected to said electrical power supply line (3). Each lighting device is associated with a control unit (25A, 25B, 25C) comprising a device (30) for receiving data transmitted along the electrical power supply line (3) and devices (41; 60) for generating a light emission regulation signal. The electrical power supply line is connected to a controller (27) with a means (83) of transmitting data toward the control unit (25A, 25B, 25C). Additionally, the controller is programmed to send at least one data element to the control unit for regulating the emission of the corresponding lighting device.